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**PROJECT MEMORANDUM**

**DOWNS SUBSTATION EXPANSION PROJECT**

**To:** Eric Chiang, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** February 13, 2015  
**Subject:** Monitoring Report #11: February 2 to February 8, 2015

This report provides a summary of the construction and compliance activities associated with the Southern California Edison (SCE) Downs Substation Expansion Project.

A summary of the Notices to Proceed (NTPs) for construction and Minor Project Change (MPC) activities are provided in Tables 1 and 2, respectively (below).

**CPUC Environmental Monitor (EM):** David DuBois was on site February 6, 2015.

## CPUC NTPs

### #1 Downs Substation Expansion Site

NTP #1 was issued on October 22, 2014 for the site preparation, grading, and construction of the Downs Substation expansion, adjacent to the existing Downs Substation on the corner of South Downs Street and West Ridgecrest Boulevard in Ridgecrest. NTP #1 included conditions that had to be satisfied prior to the start of construction.

#### Summary of Activity:

1. Work continued Monday through Saturday of the subject period. No work occurred Sunday (February 8)
2. Preparation of the substation pad and surveying of the substation pad for foundation locations continued. Gravel and materials continued to be stored on the substation pad (see Figure 1).
3. Installation of a Mechanical and Electrical Equipment Room (MEER) and associated wiring continued during the subject period.
4. Installation of a detention pond at the southeast portion of the site was completed during the subject week (see Figures 2&3).
5. Concrete deliveries, augering, and foundation installation continued in the substation expansion area during the subject period.
6. Permanent perimeter fence installation occurred during the subject period.

#### Environmental Compliance:

1. Cultural monitoring has been suspended and did not occur during the subject period. The majority of grading is complete and the ground surface is 100% disturbed.
2. Biological monitoring was conducted during the subject period. No biological resources were observed during the subject period.
3. Dust generated by sporadic winds was observed by the CPUC EM on 02/06/15. Construction personnel minimized the dust generated by ceasing the operation of earth moving equipment.



4. Desert tortoise fencing continued to function. No desert tortoises have been observed at the substation site since the start of construction.
5. Following the approval of MPC #1 (see Table 2 below), vehicles are using an alternate route to access the Project work area that avoids public traffic. During the subject period, the CPUC EM observed that the entrance was being left open; however, a biological monitor was posted at the gate throughout the day to check for wildlife (including desert tortoise).
6. Track-out was minimal during the subject period. A street sweeper is onsite to manage roadway cleaning as necessary.
7. Concrete wash-outs are properly contained.
8. Trash containers were observed to be securely covered during the subject period.

## Notices to Proceed

Table 1 summarizes the Notices to Proceed (NTP) for the Downs Substation Expansion Project.

**Table 1**  
**Notice to Proceeds (NTPs)**  
(Updated 02/13/15)

<b>NTP #1</b>	<b>Date Requested</b>	<b>Date Issued</b>	<b>Phase</b>	<b>Description</b>
NTP #1	9/4/14	10/22/14	Downs Substation Expansion	Site preparation/grading, installation of substation components in the expanded Down's Substation footprint.

## Minor Project Changes

Table 2 summarizes the Minor Project Changes for the Downs Substation Expansion Project.

**Table 2**  
**Minor Project Changes (MPCs)**  
(Updated 02/13/15)

<b>MPC</b>	<b>Date Requested</b>	<b>Date Issued</b>	<b>Phase</b>	<b>Description</b>
MPC #1	12/5/14	12/15/14	Downs Substation Expansion	Requests the use of an existing dirt roadway that connects the southwest corner of the work area to Church Avenue.

## PROJECT PHOTOGRAPHS



Figure 1 – Gravel and materials continue to be stored on the substation pad. View northeast, 01/27/15 above, 02/06/15 below.



Figure 2 – The detention basin was completed during the subject week. View southwest, 01/08/15 above 01/22/15 middle, 02/06/15 below.



Figure 3 – Panoramic view of detention basin progress, from southeast corner of site. View northwest, 01/08/15 above, 01/22/15 middle, and 02/06/15 below.